

FORM PTO-1390 (Modified) U.S. PATENT AND TRADEMARK OFFICE; U.S. DEPARTMENT OF COMMERCE
(REV. 7-2005)

**TRANSMITTAL LETTER TO THE UNITED STATES
DESIGNATED/ELECTED OFFICE (DO/EO/US)
CONCERNING A SUBMISSION UNDER 35 U.S.C. 371**

ATTORNEY'S DOCKET NUMBER

425.1018

U.S. APPLICATION NO. (If known, see 37 CFR 1.5)

10/574639INTERNATIONAL APPLICATION NO.
PCT/IB2004/003339INTERNATIONAL FILING DATE
1 October 2004PRIORITY DATE CLAIMED
7 October 2003

TITLE OF INVENTION

PISCIRICKETTSIA SALMONIS ANTIGENS AND USE THEREOF

APPLICANT(S) FOR DO/EO/US

THIRY, Michel and DHEUR, Ingrid

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a **FIRST** submission of items concerning a submission under 35 U.S.C. 371.
2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a submission under 35 U.S.C. 371.
3. ☒ This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (24) indicated below.
4. ☒ The US has been elected (Article 31).
5. ☒ A copy of the International Application as filed (35 U.S.C. 371 (c)(2))
 - a. ☒ is attached hereto (required only if not communicated by the International Bureau).
 - b. ☒ has been communicated by the International Bureau.
 - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
6. ☐ An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).
 - a. ☐ is attached hereto.
 - b. ☐ has been previously submitted under 35 U.S.C. 154(d)(4).
7. ☒ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3))
 - a. ☐ are attached hereto (required only if not communicated by the International Bureau).
 - b. ☐ have been communicated by the International Bureau.
 - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
 - d. ☒ have not been made and will not be made.
8. ☐ An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9. ☐ An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)).
10. ☐ An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)).
11. ☒ A copy of the International Preliminary Examination Report (PCT/IPEA/409).
12. ☒ A copy of the International Search Report (PCT/ISA/210).

Items 13 to 23 below concern document(s) or information included:

13. ☒ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
14. ☐ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
15. ☒ A **FIRST** preliminary amendment.
16. ☐ A **SECOND** or **SUBSEQUENT** preliminary amendment.
17. ☐ A substitute specification.
18. ☐ A power of attorney and/or change of address letter.
19. ☐ A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825.
20. ☐ A second copy of the published International Application under 35 U.S.C. 154(d)(4).
21. ☐ A second copy of the English language translation of the International Application under 35 U.S.C. 154(d)(4).
22. ☒ Express Mail Label No. **EV 685 804 965 US**

U.S. APPLICATION NO (if known, see 37 CFR 1.5)		INTERNATIONAL APPLICATION NO.		ATTORNEY'S DOCKET NUMBER	
10/574639		PCT/IB2004/003339		425.1018	
23. Other items or information: Acknowledgement of Postcard					
The following fees have been submitted: 24. <input checked="" type="checkbox"/> Basic national fee \$300 25. <input checked="" type="checkbox"/> Examination fee (37 CFR 1.492(c)) If the written opinion prepared by ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4). \$0 All other situations. \$200 26. <input checked="" type="checkbox"/> Search fee (37 CFR 1.492(b)) If the written opinion of the ISA/US or the International preliminary examination report by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4). . . . \$0 Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the as an International Searching Authority. \$100 International Search Report prepared by an ISA other than the US and provided to the previously communicated to the US by the IB. \$400 All other situations. \$500 TOTAL OF 24, 25 and 26 = <input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing in compliance with 37 CFR 1.821(c) or (e) or computer program listing in an electronic medium) (37 CFR 1.492(j)). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.				CALCULATIONS PTO USE \$ \$300.00 \$ \$200.00 \$ \$400.00 \$ \$900.00	
Total Sheets		Extra Sheets		Number of each additional 50 or fraction thereof (round up to a whole)	
98 - 100 =		0 /50 =		0	
				x \$250.00	
Surcharge of \$130.00 for furnishing any of the search fee, examination fee, or the oath or declaration after the date of commencement of the national stage (37 CFR 1.492(h)).				\$	
CLAIMS		NUMBER FILED		NUMBER EXTRA	
Total claims		42 - 20 =		22	
Independent claims		3 - 3 =		0	
				x \$200.00	
MULTIPLE DEPENDENT CLAIMS (if applicable) <input checked="" type="checkbox"/> + \$360.00				\$ \$360.00	
TOTAL OF ABOVE CALCULATIONS =				\$ \$2,360.00	
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by 1/2.				\$ \$0.00	
SUBTOTAL =				\$ \$2,360.00	
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).				\$ \$0.00	
TOTAL NATIONAL FEE =				\$ \$2,360.00	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40 per property +				\$ \$0.00	
TOTAL FEES ENCLOSED =				\$ \$2,360.00	
				Amount to be \$	
				Amount to be \$	

10/574639

PTO-1390 (Rev. 07-2005)

Approved for use through 3/31/2007. OMB 0651-0021

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

- APR 20 2006 PTO 31 MAR 2006
- a. ☐ A check in the amount of \$ _____ to cover the above fees is enclosed.
- b. ☐ Please charge my Deposit Account No. _____ in the amount of \$ _____ to cover the above fees. A duplicate copy of this sheet is enclosed.
- c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 02-2275. A duplicate copy of this sheet is enclosed.
- d. ☒ Fees are to be charged to a credit card. **WARNING:** Information on this form may become public. **Credit card information should not be included on this form.** Provide credit card information and authorization on PTO-2038.

NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.

SEND ALL CORRESPONDENCE TO:

Michael N. Mercanti
 LUCAS & MERCANTI, LLP
 475 Park Avenue South
 New York, New York 10016
 Phone: 212-661-8000
 Fax: 212-661-8002

SIGNATURE

Michael N. Mercanti

NAME

33,966

REGISTRATION NUMBER

March 31, 2006

DATE

10/574639

CERTIFICATE OF MAILING BY "EXPRESS MAIL" (37 CFR 1.10)

Applicant(s): THIRY, Michel, et al.

Docket No.

425.1018

Application No.
10/574639
to be assignedFiling Date
HerewithExaminer
UnknownCustomer No.
20311Group Art Unit
UnknownInvention: PISCIRICKETTSIA SALMONIS ANTIGENS AND USE THEREOF
10/574639 PCT/PTO 31 MAR 2006

I hereby certify that the following correspondence:

PTO-1390 (3 pages, page 3 in duplicate)

(Identify type of correspondence)

is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
on

March 31, 2006

(Date)

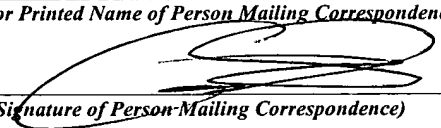
Carla Santos

(Typed or Printed Name of Person Mailing Correspondence)


(Signature of Person Mailing Correspondence)EV 685 804 965 US

("Express Mail" Mailing Label Number)

Note: Each paper must have its own certificate of mailing.

CERTIFICATE OF MAILING BY "EXPRESS MAIL" (37 CFR 1.10) Applicant(s): THIRY, Michel, et al.			Docket No. 425.1018	
Application No. 10/574639 To be assigned	Filing Date Herewith	Examiner Unknown	Customer No. 20311	Group Art Unit Unknown
Invention: PISCIRICKETTSIA SALMONIS ANTIGENS AND USE THEREOF				
<p>I hereby certify that the following correspondence:</p> <div style="border: 1px solid black; padding: 10px; margin: 10px 0;"> <p>PCT Application (96 pages) and Figures (2 pages)</p> </div> <p style="text-align: center; font-size: small;">(Identify type of correspondence)</p> <p>is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on</p> <div style="display: flex; justify-content: center; align-items: center; margin-top: 10px;"> <div style="text-align: center; margin-right: 20px;"> <p>March 31, 2006</p> <p style="font-size: x-small;">(Date)</p> </div> <div style="text-align: center;"> <p>Carla Santos</p> <p style="font-size: x-small;">(Typed or Printed Name of Person Mailing Correspondence)</p> <div style="border-bottom: 1px solid black; width: 150px; margin: 5px auto;">  </div> <p style="font-size: x-small;">(Signature of Person Mailing Correspondence)</p> <p>EV 685 804 965 US</p> <p style="font-size: x-small;">("Express Mail" Mailing Label Number)</p> </div> </div>				
<p>Note: Each paper must have its own certificate of mailing.</p>				